

# R-Series Air-Cooled Chiller

## Features

- ♦ No facility water hook-up required
- ♦ Easy to install (Plug & Play)

## Available options

- ♦ Air-cooled or water-cooled heat rejection
- ♦ Alternative coolant temperature ranges
- ♦ Many electrical configurations
- ♦ Various pumps available
- ♦ Open reservoir system
- ♦ RS-485 & RS-232 communications
- ♦ WinChill Control Software
- ♦ Various interlocks for flow, level, temp, etc. Choice of DB-25 or 4-pin configurations
- ♦ Internal or external coolant loop deionizing cartridges & sensors
- ♦ Coolant loop filter packages
- ♦ Stainless, engineered plastics, nickel only on wetted surfaces
- ♦ Adjustable low flow switch
- ♦ Quick connect external hose packages

**Not all options available  
on all models.**

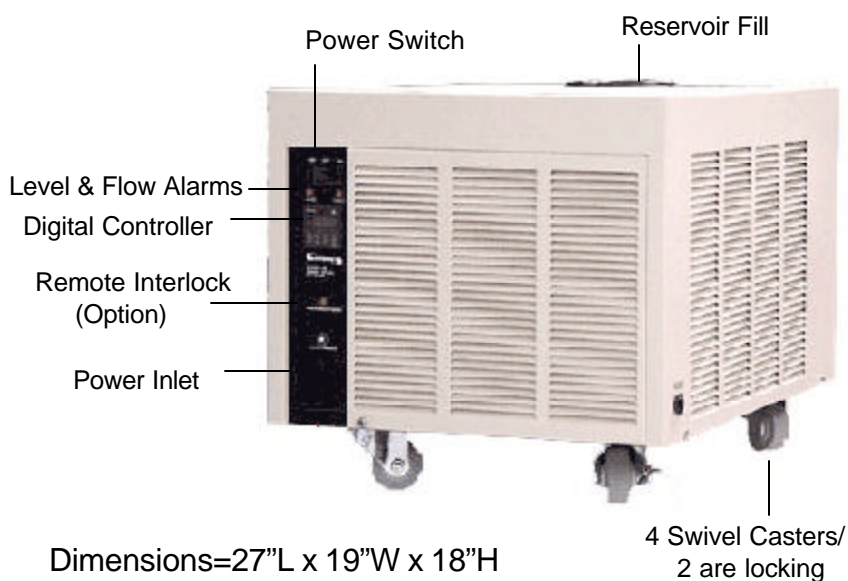
## Notes

Data @ 30°C/86°F unrestricted ambient air for air-cooled chillers.

Capacities decrease with increasing ambient temperature.

Data contained herein is subject to change without notice. Phone (603) 539-3600 for up-to-date information regarding our products.

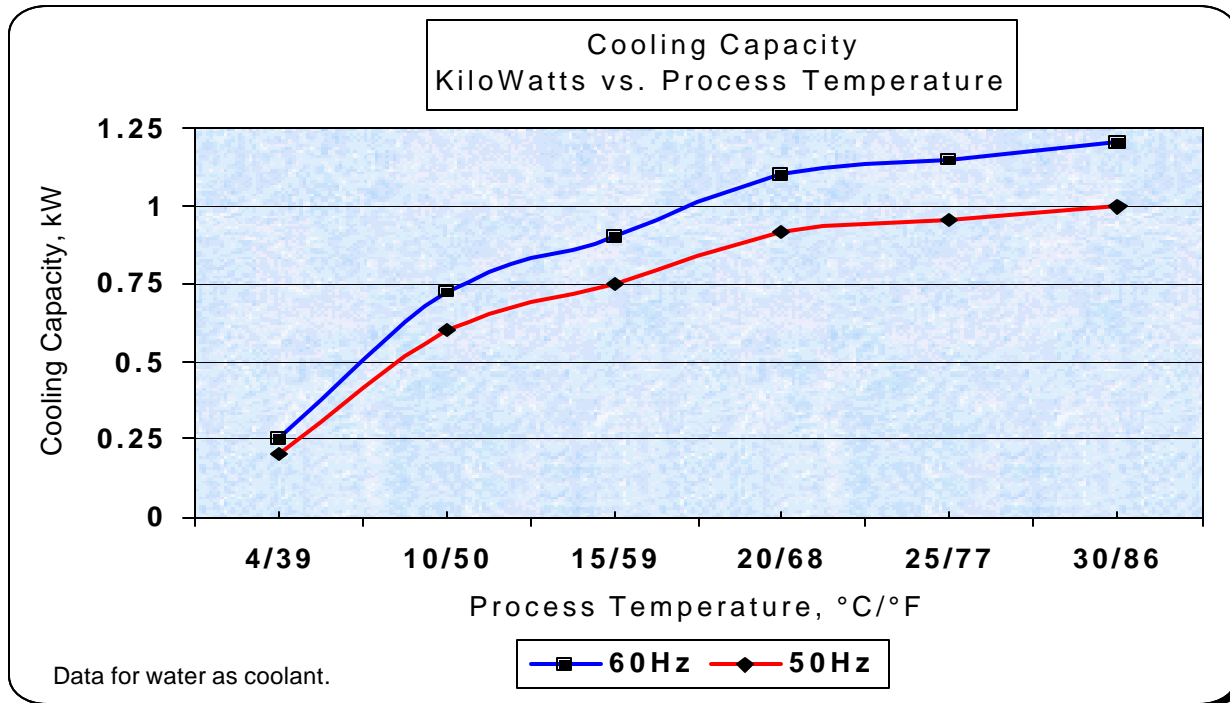
1/2" NPT Coolant supply & return lines out the back



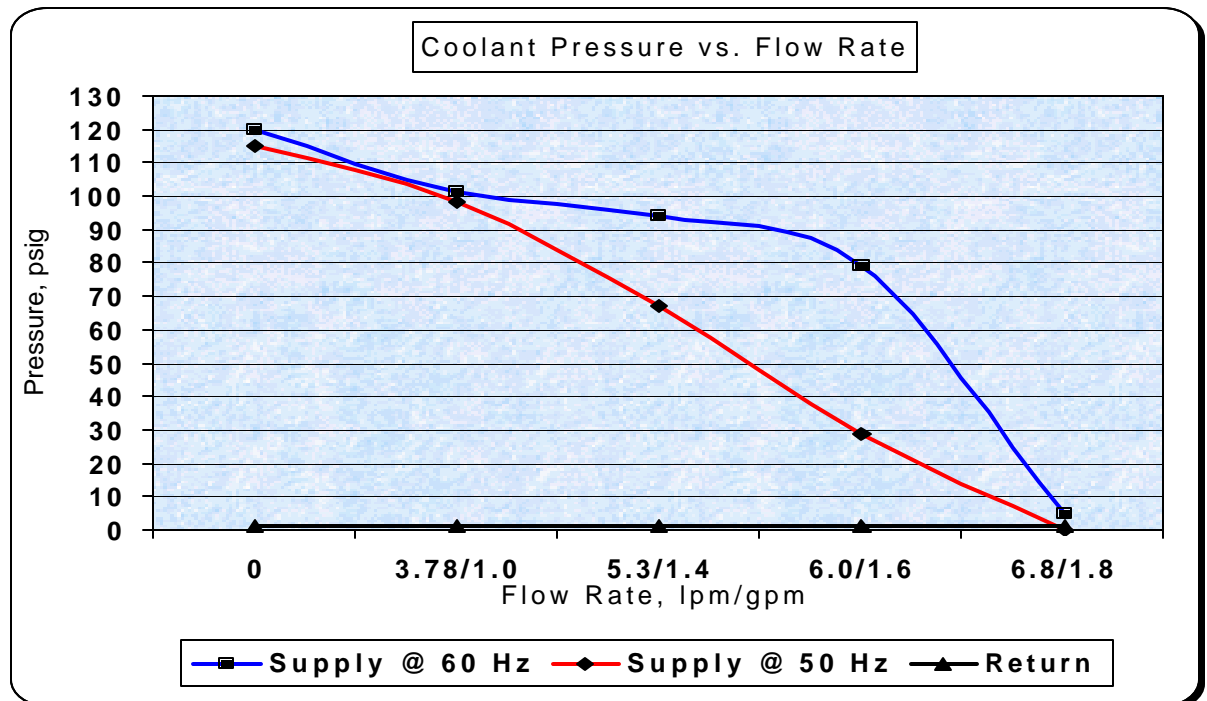
## Vital Statistics

MET & CE listed	
Weight	175 lbs.
Ambient temperature range	41°F - 95°F (5°C - 35°C)
Process temperature range	39°F - 86°F (4°C - 30°C)
Nominal heat removal	1kW
Pump performance @ 60Hz	1.6gpm @ 30psi
Electrical configuration:	
Voltage @ 60Hz	115V +/- 10%
Voltage @ 50Hz	100V +/- 10%
Phase	1
Total Amps	14.5
Max. fuse disconnect (required of customer)	20
Power cord supplied	Nema, 5-20
Refrigerant	R-134a

# R-Series Air-Cooled Chiller



**Hermetic Compressor**



## Positive Displacement Pump

Note: Coolant pressure vs. Flow Rate graph indicates best possible pump performance with maximum pressure relief valve setting. Factory pressure relief valve setting of 60psi will decrease performance.